

Title: Novel Amylin Agonist Peptides and Uses Thereof
Inventor: GAETA et al.
Express Mail No. EH177877049US
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Figure 1 of 3

FIGURE 1

¹Lys-Cys-Asn-Thr-⁵Ala-Thr-Cys-Ala-Thr-¹⁰Gln-Arg-Leu-Ala-
Asn-¹⁵Phe-Leu-Val-His-Ser-²⁰Ser-Asn-Asn-Phe-Gly-²⁵Ala-
Ile-Leu-Ser-Ser-³⁰Thr-Asn-Val-Gly-Ser-³⁵Asn-Thr-Tyr-NH₂

FIGURE 2

Amylin

human	KCNTATCATQRLANFLVHSSNFGAILSSSTNVGSNTY-NH ₂
cat	-----IR---L---P-----
dog	-----RT---L---P-----
rat	-----R---L-PV-PP-----
mouse	-----R---L-PV-PP-----
hamster	-----N--L-PV--P-----
guinea pig	-----T---R--H-L--A-LP-D-----

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FIGURE 3

¹A₁-X-Asn-Thr-⁵Ala-Thr-Y-Ala-Thr-¹⁰Gln-Arg-Leu-
B₁-Asn-¹⁵Phe-Leu-C₁-D₁-E₁-²⁰F₁-G₁-Asn-H₁-Gly-²⁵I₁-J₁-
Leu-K₁-L₁-³⁰Thr-M₁-Val-Gly-Ser-³⁵Asn-Thr-Tyr-Z